

Converting Colors

CIELCh(62, 4.609, 138.652)

Have a look what the booklet for
CIELCh(62, 4.609, 138.652) contains.

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Color

CIELCh(62, 4.390, 136.029)

Conversions

Conversions Part 1

Format	Color
Hex	929790
RGB	146, 151, 144
RGB Percent	57%, 59%, 56%
CMY	0.4262, 0.4066, 0.4340
CMYK	0.03, 0.00, 0.05, 0.41
HSL	103°, 3%, 58%
HSV	103°, 5%, 59%
XYZ	28.0897, 30.4025, 30.9030
YIQ	148.7070, -0.7330, -3.2370

Conversions

Conversions Part 2

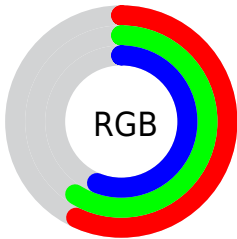
Format	Color
RYB	144, 151, 149
Decimal	9607056
CIELab	62.00, -3.16, 3.05
CIELCh	62, 4.390, 136.029
Yxy	30.4025, 0.3142, 0.3401
Android (android.graphics.Color)	4287797136 (0xFF929790)
YUV	148.7070, -2.3206, -2.3740
Hunter-Lab	55.1385, -5.5576, 5.3671

Details

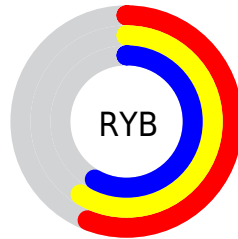
The CIELCh color $62, 4.390, 136.029$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $61, 4.419, 316.342$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 4.144, 136.088$, and $42, 4.002, 134.462$ is the 20% darker color. If you saturate the color by 10%, you get $61, 13.952, 135.563$, and if you desaturate by 10%, it is $63, 5.080, 316.365$.

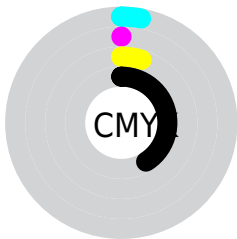
Distribution



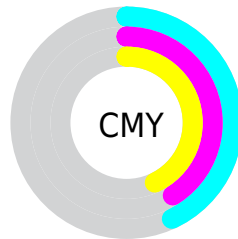
- Red (57%)
- Green (59%)
- Blue (56%)



- Red (56%)
- Yellow (59%)
- Blue (58%)



- Cyan (3%)
- Magenta (0%)
- Yellow (5%)
- Black (41%)



- Cyan (43%)
- Magenta (41%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 4.390, 136.029 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 62, 4.390, 136.029 by changing the saturation by 10% instead.

■ 62, 4.390, 136.029

■ 62, 4.390, 136.029

■ 100, 4.390,
136.029

■ 52, 4.390, 136.029

■ 82, 4.390, 136.029

■ 42, 4.390, 136.029

■ 92, 4.390, 136.029

■ 32, 4.390, 136.029

■ 22, 4.390, 136.029

■ 12, 4.390, 136.029

■ 2, 4.390, 136.029

■ 0, 4.390, 136.029

■ 62, 4.390, 136.029

■ 62, 4.390, 136.029

■ 61, 13.952,

■ 63, 5.080, 316.365

135.563

65, 14.413,
316.732

60, 23.529,
135.063

66, 23.573,
317.038

59, 33.023,
134.525

68, 32.538,
317.301

58, 42.298,
133.966

69, 41.294,
317.528

57, 51.164,
133.421

71, 49.834,
317.722

56, 59.363,
132.951

73, 58.159,
317.888

56, 66.558,
132.651

74, 61.497,
320.167

55, 72.357,
132.638

75, 62.762,
323.360

55, 76.438,
133.012

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



62, 4.390, 136.029



61, 4.419, 316.342

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62, 4.390, 136.029



62, 4.390, 186.029



62, 4.390, 316.029



62, 4.390, 6.029

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



62, 4.392, 136.033



79, 1.164, 136.304



62, 2.853, 93.092



42, 0.666, 136.317



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



62, 4.392, 136.033



78, 7.047, 135.961



62, 4.168, 150.305



32, 3.792, 135.945



51, 73.930, 133.128



3, 5.864, 136.339

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



61, 4.419, 316.342



76, 7.092, 316.411



61, 4.184, 330.747



31, 3.817, 316.427



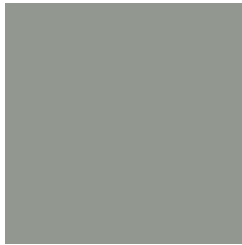
26, 76.461, 318.025



1, 5.838, 315.808

Previews

White Background



This preview shows how the CIELCh color 62, 4.390, 136.029 looks on a white background.

Color Contrast Check

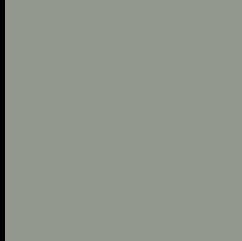
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 62, 4.390, 136.029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

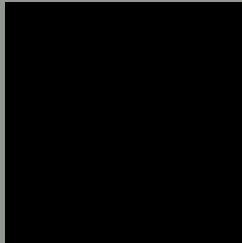
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

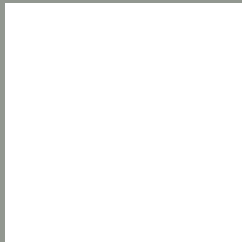
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 4.390, 136.029

Background



This preview shows how black text looks on a background with the CIELCh color 62, 4.390, 136.029.



This preview shows how white text looks on a background with the CIELCh color 62, 4.390, 136.029.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color


62, 4.390, 136.029

Protanopia

62, 3.876, 79.235

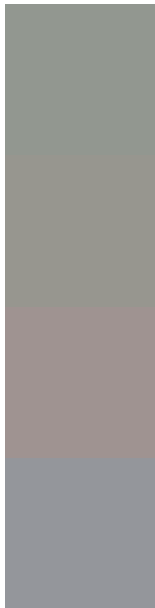
Deuteranopia

62, 8.338, 16.348



Tritanopia
62, 6.739, 290.924

Trichromacy



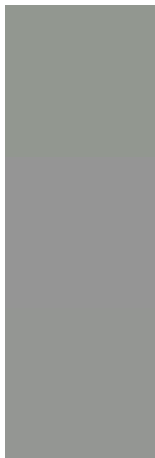
Original Color
62, 4.390, 136.029

Protanomaly
62, 3.926, 103.991

Deuteranomaly
62, 4.857, 33.043

Tritanomaly
62, 2.898, 275.345

Monochromacy



Original Color
62, 4.390, 136.029

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 1.852, 134.665

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 4.390, 136.029 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(146, 151, 144)` looks like.

```
.text, #text, p{  
    color:rgb(146, 151, 144)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(146, 151, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 151, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 4.390, 136.029 is called "border". The border property can be set on classes, ids or directly on the HTML element.

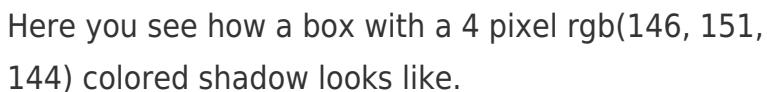
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(146, 151, 144) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(146, 151, 144) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(146, 151, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 151, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 151, 144); box-shadow:4px 4px 4px 4px rgb(146, 151, 144) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 4.390, 136.029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 151, 144) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(146,  
151, 144) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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